

WIFI PIN

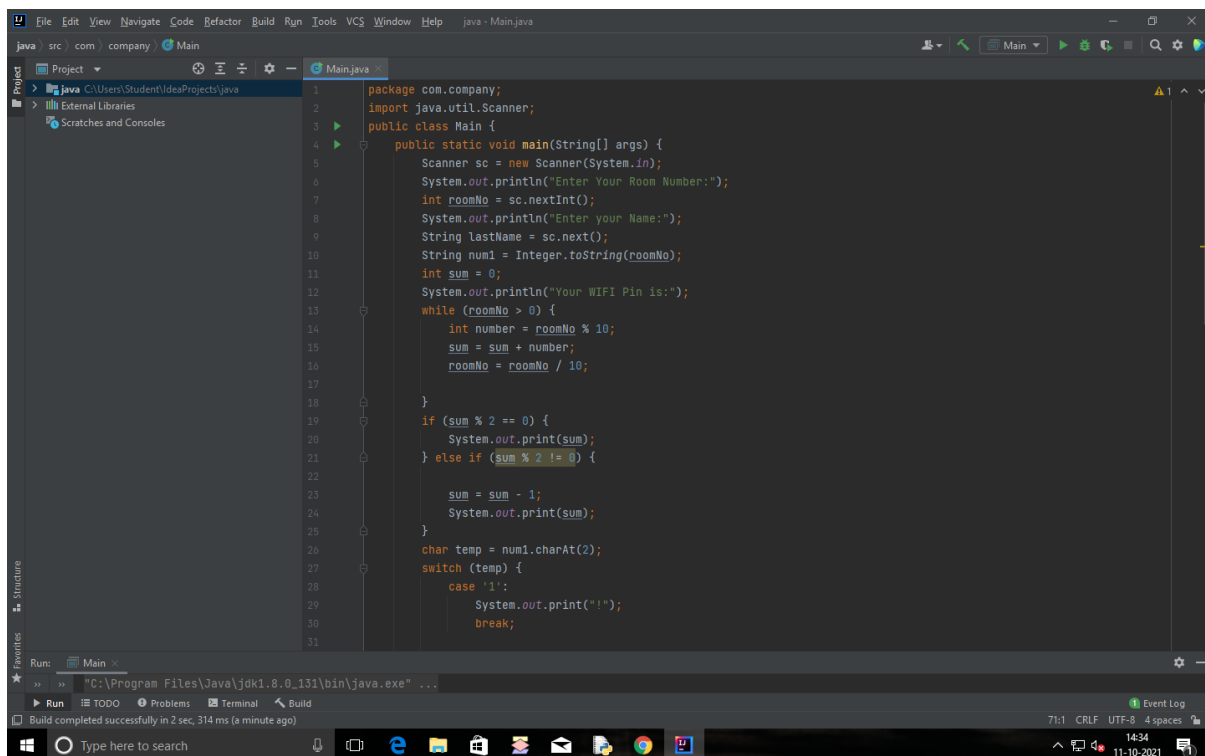
The Hyatt Group of Hotels has approached you to automate the process of generating the Wi-Fi pin

which will be used by guests during their stay at Hyatt.

The Wi-Fi pin must be a combination of room number, the guest's last name and one special character.

The room numbers will always have three digits, i.e. it starts from 100 and can span up to 999.

The Wi-Fi pin is always a string of length 4, a combination which is created as per below rules.

A screenshot of an IDE window titled 'Main.java'. The code is in Java and implements a program to generate a Wi-Fi pin. It prompts the user for a room number and a last name. The room number is processed to extract its digits and calculate a sum of digits. The last name is used to select a special character from a predefined set. The final Wi-Fi pin is constructed from the room number, the sum of digits, and the selected character.

```
1 package com.company;
2 import java.util.Scanner;
3 public class Main {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         System.out.println("Enter Your Room Number:");
7         int roomNo = sc.nextInt();
8         System.out.println("Enter your Name:");
9         String lastName = sc.next();
10        String num1 = Integer.toString(roomNo);
11        int sum = 0;
12        System.out.println("Your WIFI Pin is:");
13        while (roomNo > 0) {
14            int number = roomNo % 10;
15            sum = sum + number;
16            roomNo = roomNo / 10;
17        }
18        if (sum % 2 == 0) {
19            System.out.print(sum);
20        } else if (sum % 2 != 0) {
21            sum = sum - 1;
22            System.out.print(sum);
23        }
24        char temp = num1.charAt(2);
25        switch (temp) {
26            case '1':
27                System.out.print("!");
28                break;
29            // Other cases for '0', '2', '3', '4', '5', '6', '7', '8', '9' would follow the same pattern.
30        }
31    }
32 }
```